

VelocityOne Flightstick II

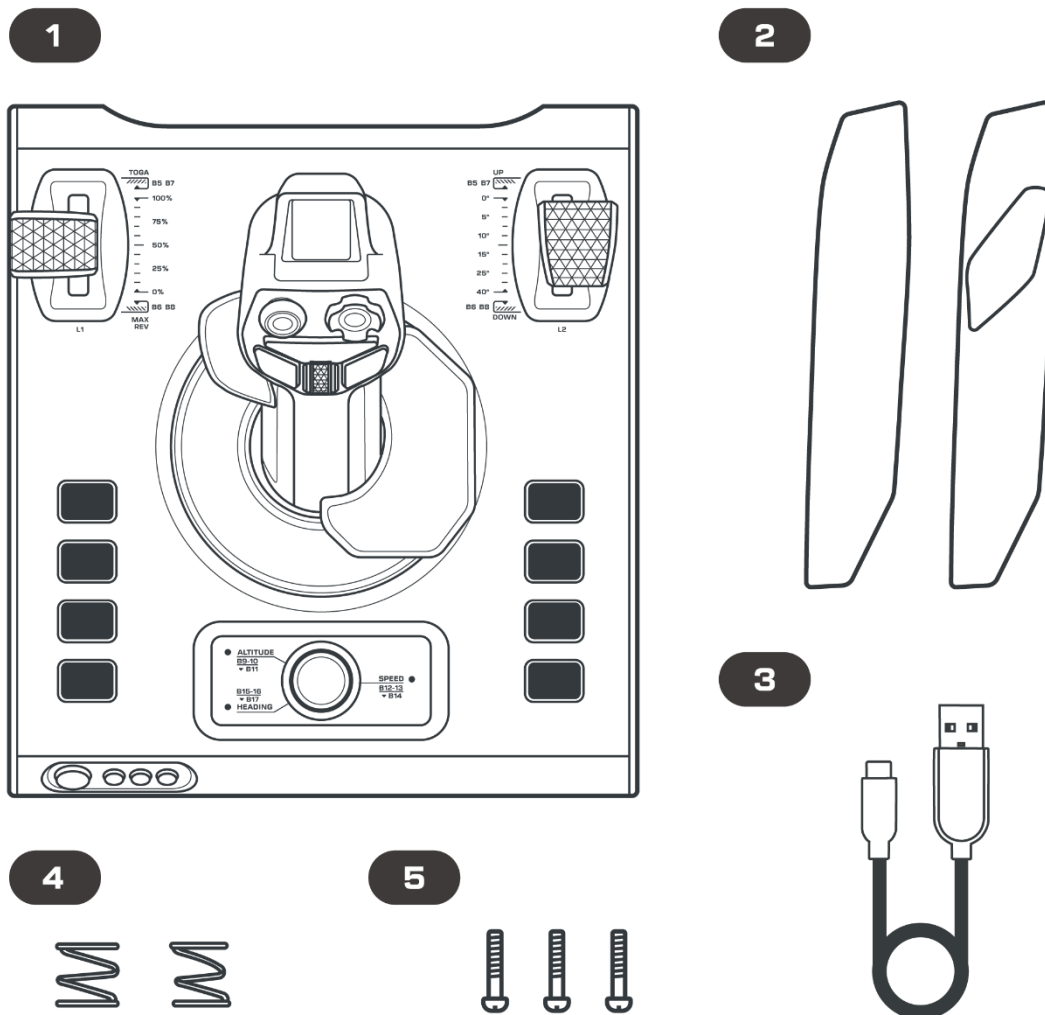
QUICK START GUIDE



VELOCITYONE™ FLIGHTSTICK II

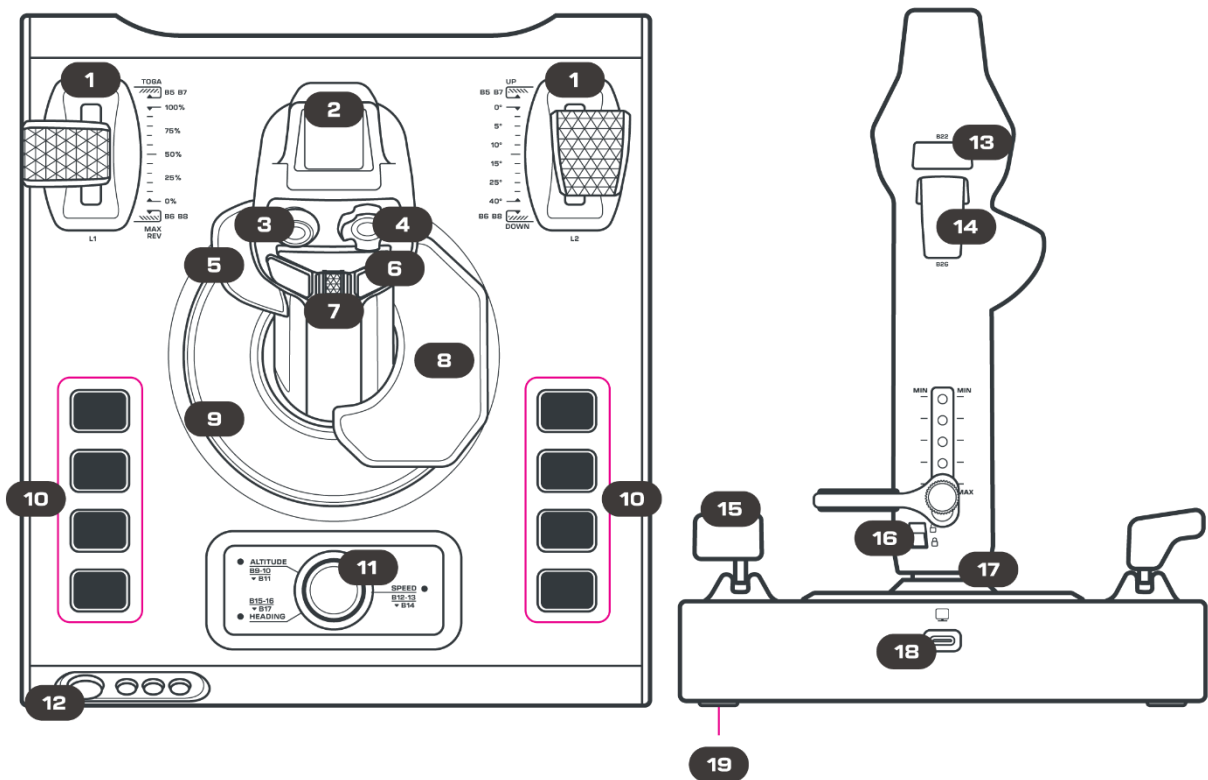
READ BEFORE USING | À lire avant d'utiliser | Vor Gebrauch lesen | Leer antes de usar
Leggere prima dell'uso | Przeczytaj przed użyciem | Lezen voor gebruik | Läs innan du använder
Les før bruk | Lue ennen käyttöä | Læs før brug | Před použitím si přečtěte
שומישה ינפל ארק | 사용하기 전에 읽기 | ご使用前にお読みください | 使用前請閱讀

1. PACKAGE CONTENTS



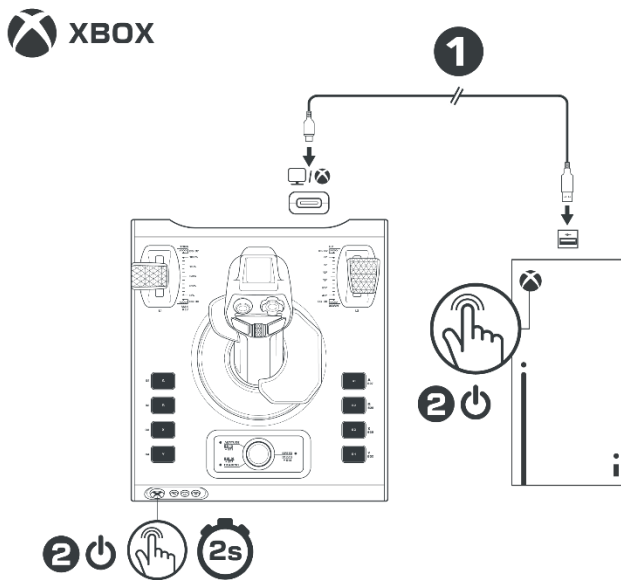
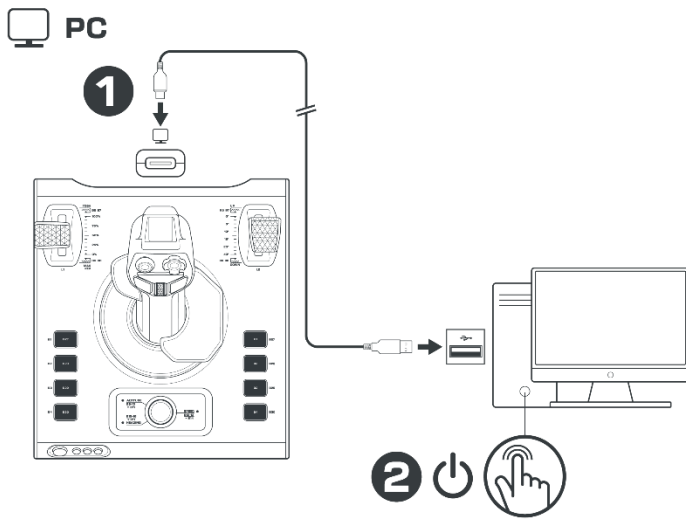
- 1 - VelocityOne Flightstick II
- 2 - Ambidextrous rubberized grips
- 3 - USB-A to USB-C Cable (2m)
- 4 - Interchangeable Springs
- 5 - Cockpit mounting screws (M5x20mm x3)
- 6 - Quick Start Insert

2. PRODUCT TOUR

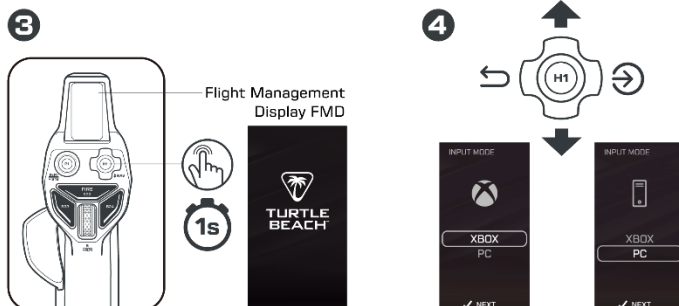


- 1 = Multifunction Levers with Detent Buttons x2
- 2 = Flight Management Display (FMD)
- 3 = Analog POV with Click Press
- 4 = 4-Way HAT Digital Input And Screen Navigation
- 5 = Ambidextrous Rubberized Grip
- 6 = Stick Buttons x3
- 7 = Scroll Wheel
- 8 = Ambidextrous Palm Rest
- 9 = RGB Light Ring
- 10 = Base Buttons x8
- 11 = 2-Level Autopilot Dial
- 12 = Menu Buttons
- 13 = Bumper
- 14 = Trigger
- 15 = Interchangeable Lever Tops
- 16 = Stick-Twist Lock
- 17 = Stick Movement + Twist
- 18 = USB-C Connection Port(s)
- 19 = Adjustable Stick Tension

3. CONNECTING TO CONSOLE / PC



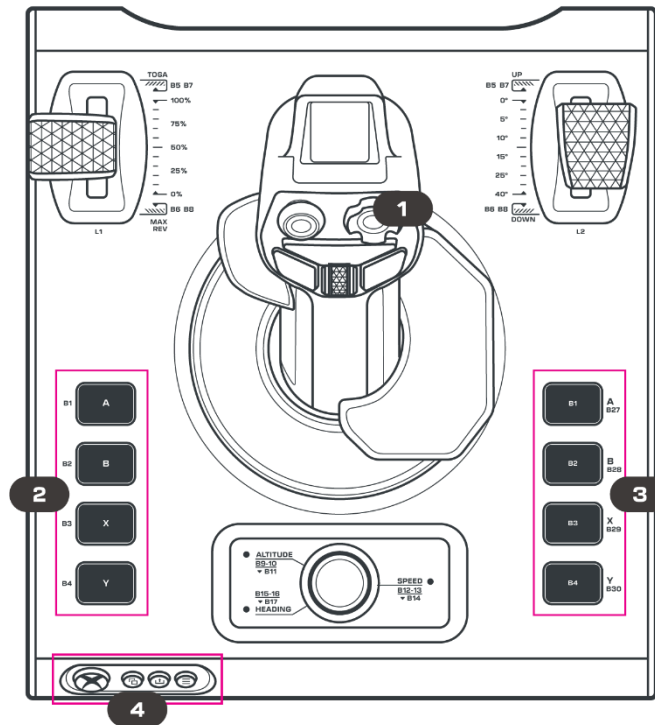
PLATFORM SELECTION



Use on XBOX is only possible with the XBOX compatible Flightstick II.
When in XBOX Mode, power on the Flightstick II by pressing the XBOX button on the base of the stick.
Platform selection must be made via the Flight Management Display.

4. XBOX NAVIGATION

You can navigate your Xbox system using the controls on the Flightstick II.



1 - D-PAD

Select Menu Items

2 - FACE BUTTONS

Accept, Back, and other system options. (Right-handed mode)

3 - FACE BUTTONS

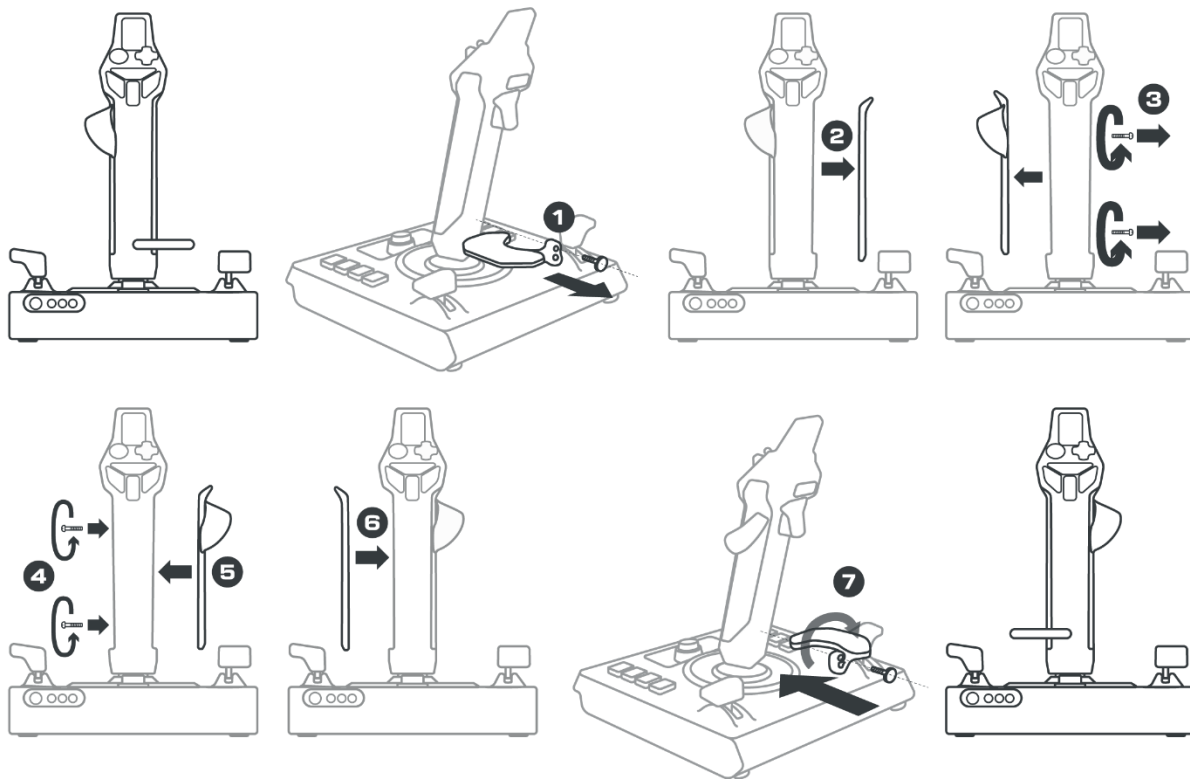
Accept, Back, and other system options. (Left-handed mode)

4 - XBOX CONTROLS

Change view, share your content and open menus. Open Guide on XBOX.

5. AMBIDEXTROUS PALM AND THUMB REST ADJUSTMENT

The palm and thumb rests can be adjusted for left or right-handed use. The palm rest can also be adjusted in height.



Removal:

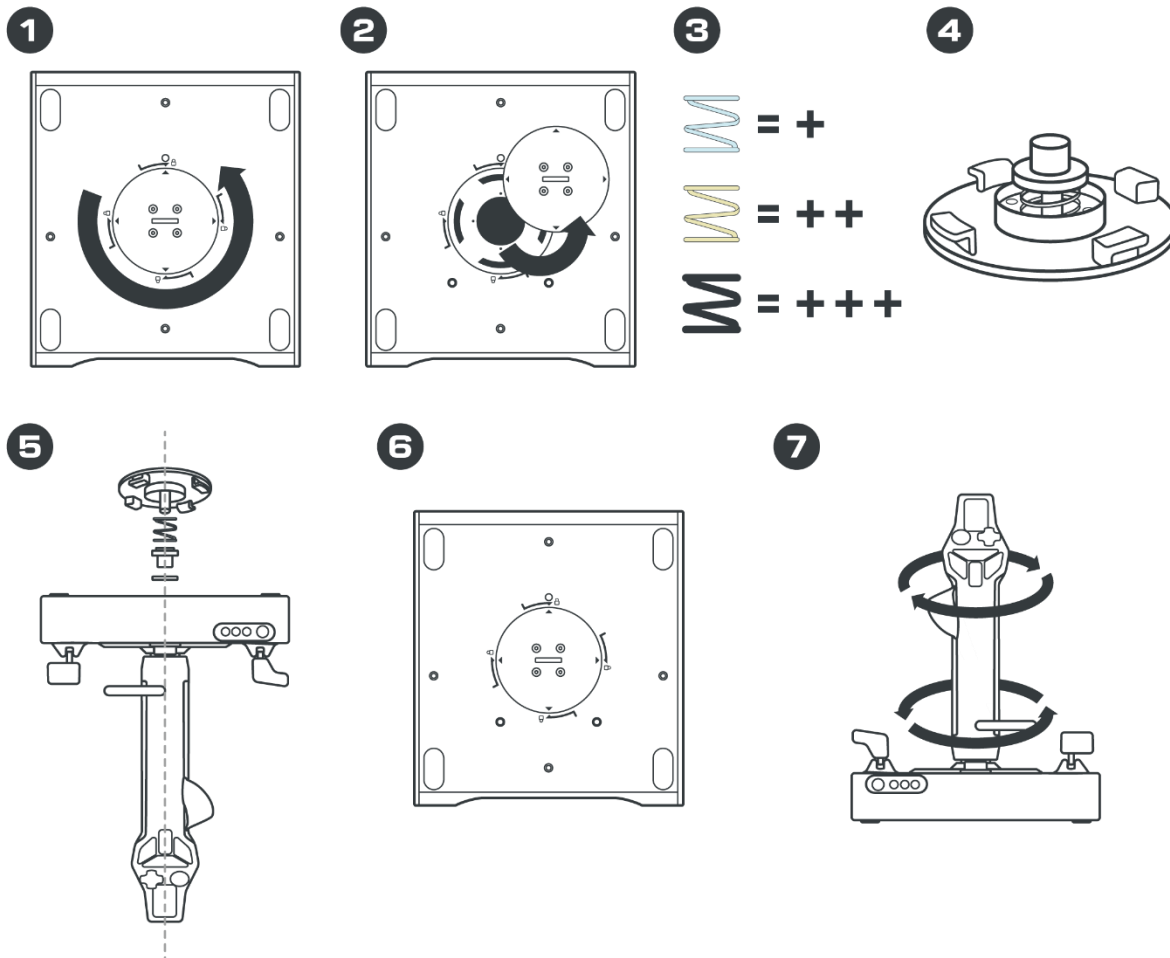
1. Unscrew the palm rest securing dial
2. Remove the flat sided grip (no tools required)
3. Unscrew the two silver screws to remove the thumb rest

To attach the other side:

4. Remove screws and reinsert from the opposite side
5. Position thumb grip and tighten the two silver screws
6. Position the flat side of the grip and push into the locating holes
7. Attach the palm rest at desired height. Screw in using the upper hole in the palm rest.

6. CHANGING THE SPRING FORCE

The tension of the stick movement can be changed by replacing the spring in the base of the stick. Three springs are included with the product for light, medium and heavy force.



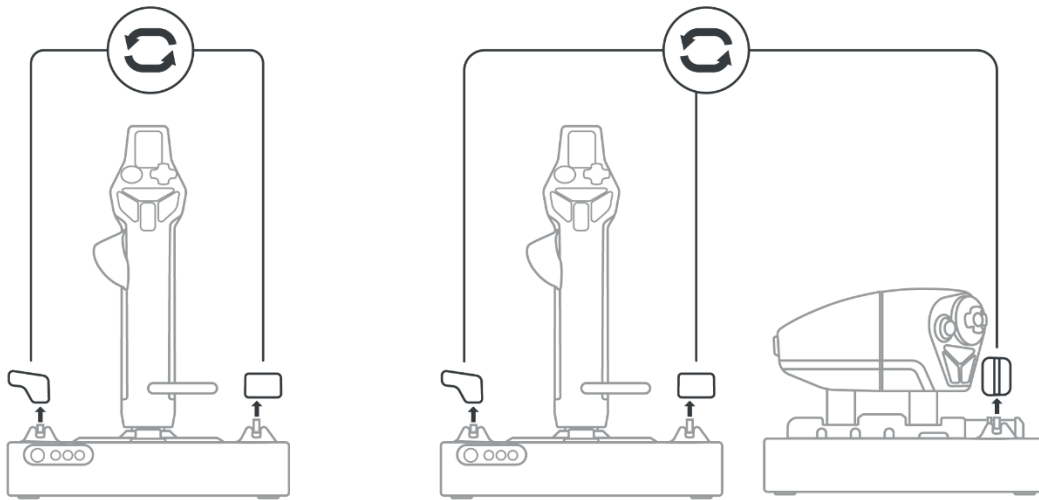
Note: There is grease on the spring, it is recommended to have a cloth to hand to place the removed spring on and wipe fingers after replacing. The grade of grease used is G-501 silicone grease. Do not ingest.

Steps for Changing the Spring Force:

1. Hold the product upside down and rotate the spring cover on the underside of the product
2. Remove the spring assembly
3. Replace the spring with the chosen new spring
4. Reassemble the parts, ensuring the correct order of assembly
5. Keeping the product upside down, make sure the stick shaft is aligned, reinsert the spring assembly
6. Align the markers on the underside of the product and rotate to lock
7. Place the stick the correct way up and rotate the stick grip to relubricate the spring with the grease

7. CHANGING THE MINI LEVER TOPS

The mini lever tops can be swapped to suit your preference.



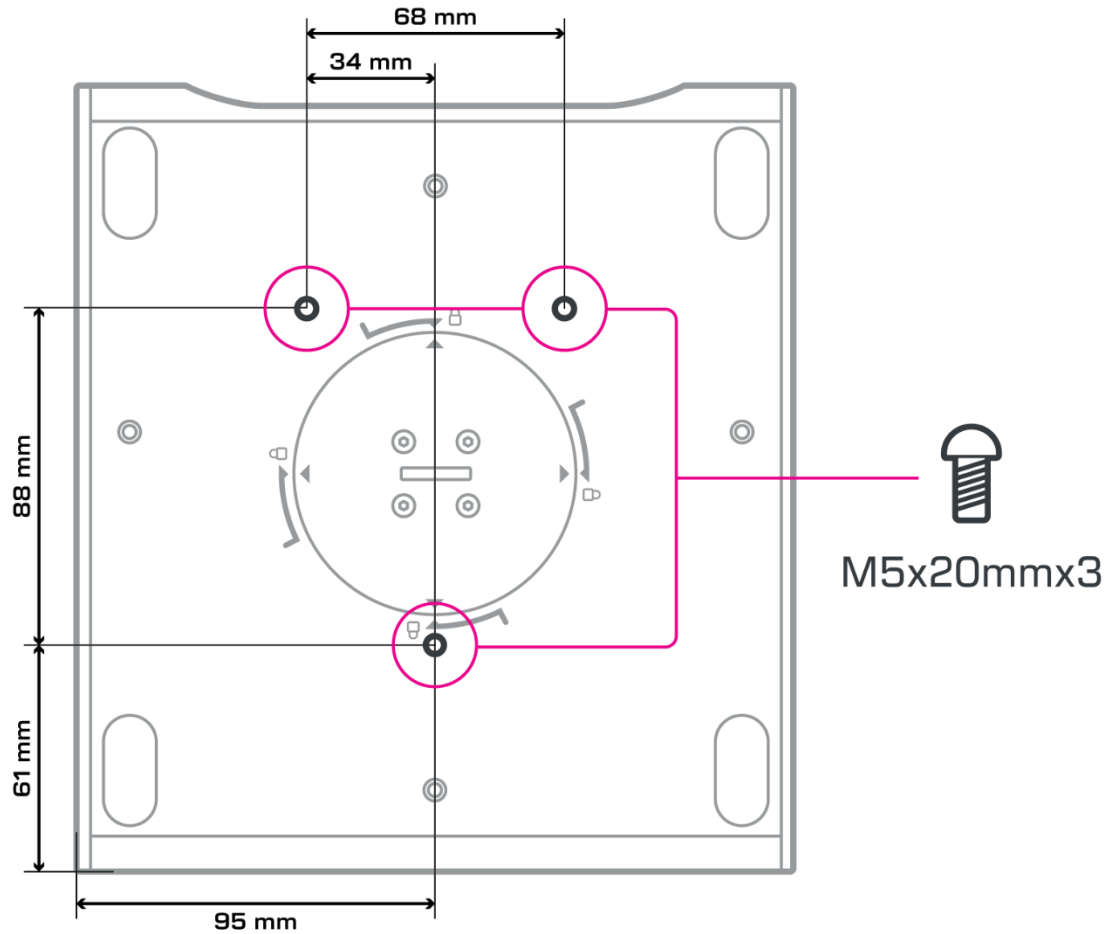
Simply pull the tops upwards to remove. Position on the required lever. Push down until they click into position.

The mini lever tops are compatible across the Flightstick II and Dual Throttle.

8. MOUNTING HOLE LOCATIONS

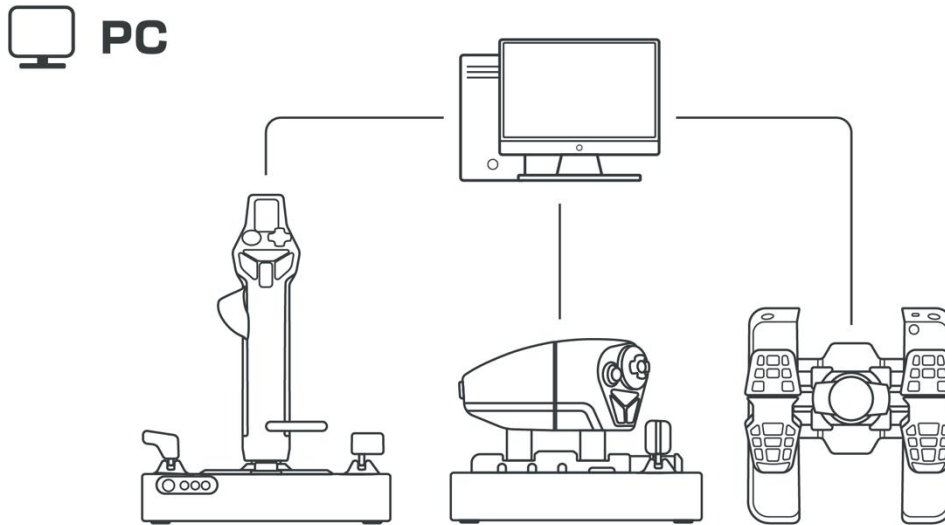
The Flightstick II can be hard mounted to a surface, mount or rig using the threaded inserts on the base of the product.

M5 sized mounting screws are included with the product.

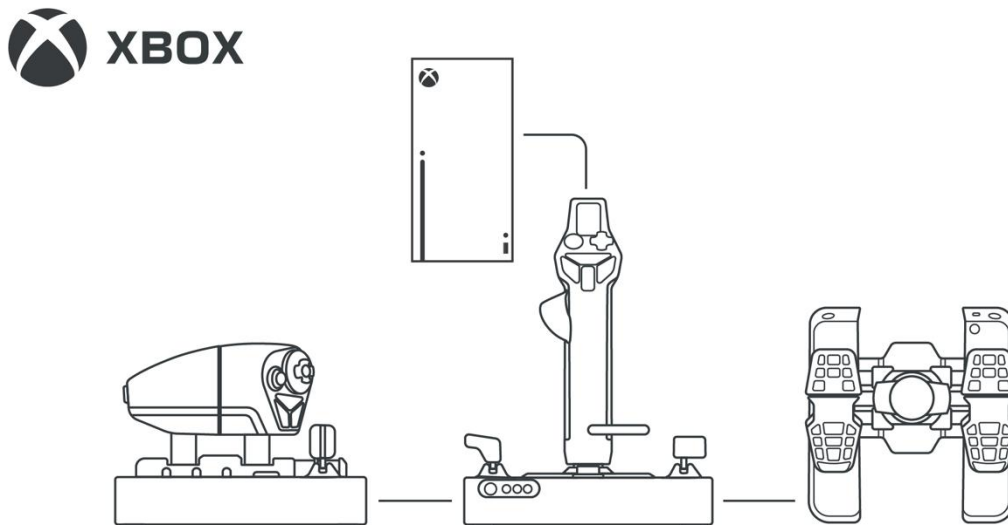


9. COMPATIBILITY WITH VELOCITYONE DUAL THROTTLE AND VELOCITYONE RUDDER

The Flightstick II can be used alongside other peripherals.



For PC use, connect each product independently via USB cable to the host PC.

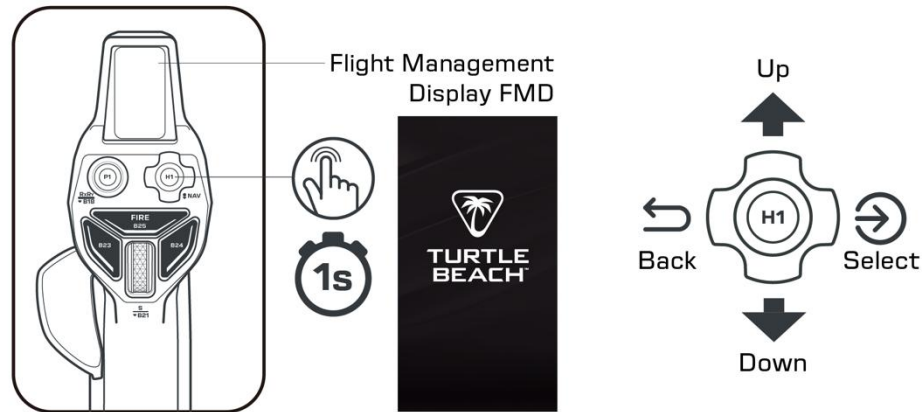


For the XBOX compatible Flightstick II in XBOX use, there are additional USB-C expansion ports on the base of the product. The ports labelled 1, 2, 3 on the back of the stick can be used to connect compatible VelocityOne products, including:

- VelocityOne Dual Throttle (for H.O.T.A.S. use)
- VelocityOne Rudder
- Additional VelocityOne Flightstick II (for H.O.S.A.S. use)
- VelocityOne Flightstick gen 1 (for H.O.S.A.S. use)

10. FLIGHT MANAGEMENT DISPLAY (FMD) NAVIGATION

The Flight Management Display (FMD) displays real-time data and allows you to configure your Flightstick II on-the-fly, giving quick access to product settings and adjustments.

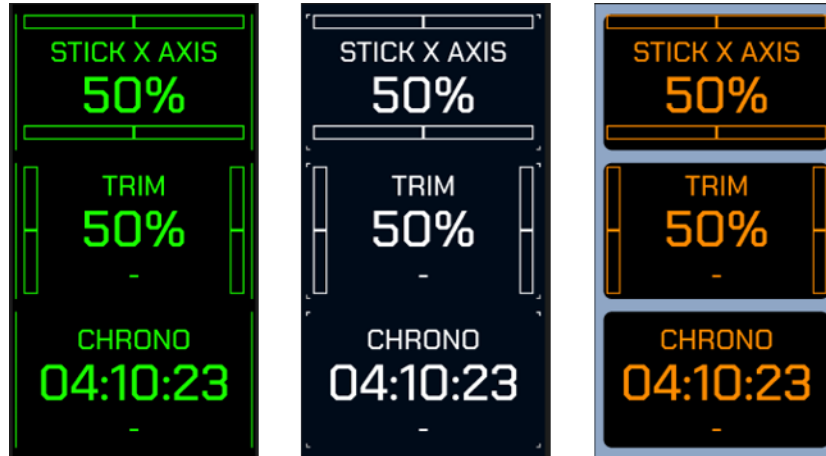


- To enter FMD navigation, press and hold the centre of H1 for 1 second.
- Use HAT 1 to navigate the menu (N/S/E/W = up/down/select/back)
- To exit the navigation mode, press back until you return to the data screen. Alternatively, the menu screen will time out and return to the data screen on its own.
- Centre clicking H1 on the data screen will also cycle through data screen pages, if additional pages have been configured in the Hangar app.

11. FEATURES OF THE FLIGHT MANAGEMENT DISPLAY (FMD)

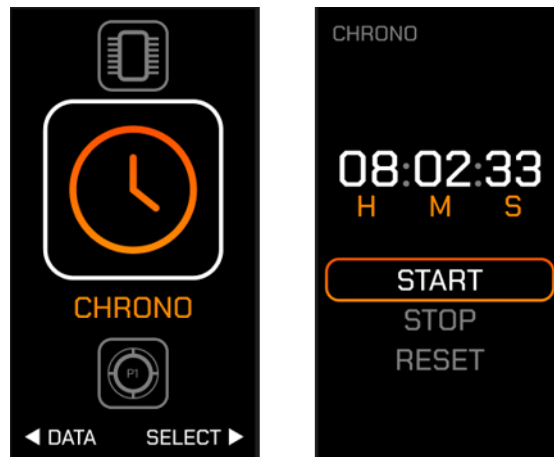
Data Screens:

Display real-time data on the FMD, including axis position, Chronometer, and, in supported PC games, live telemetry data. Configure display themes and screen content through the Hangar app on PC or Xbox.



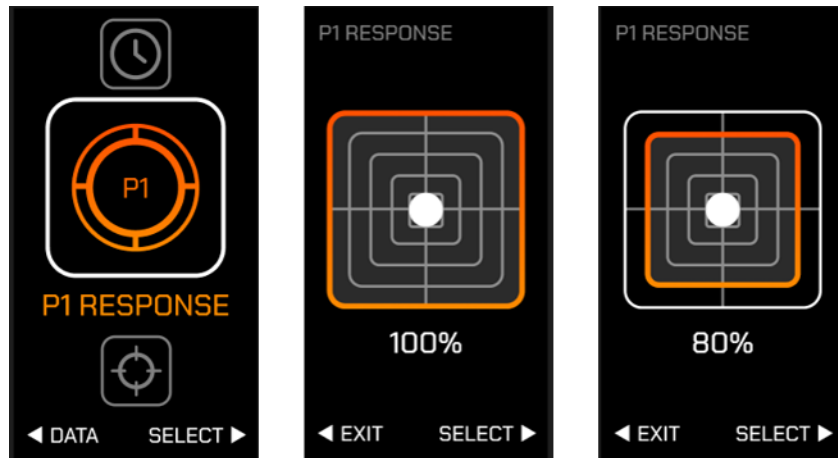
Chronometer:

Use the Chronometer to time flight waypoints. Start and stop the timer through the menu, then view it on the Data Screens.



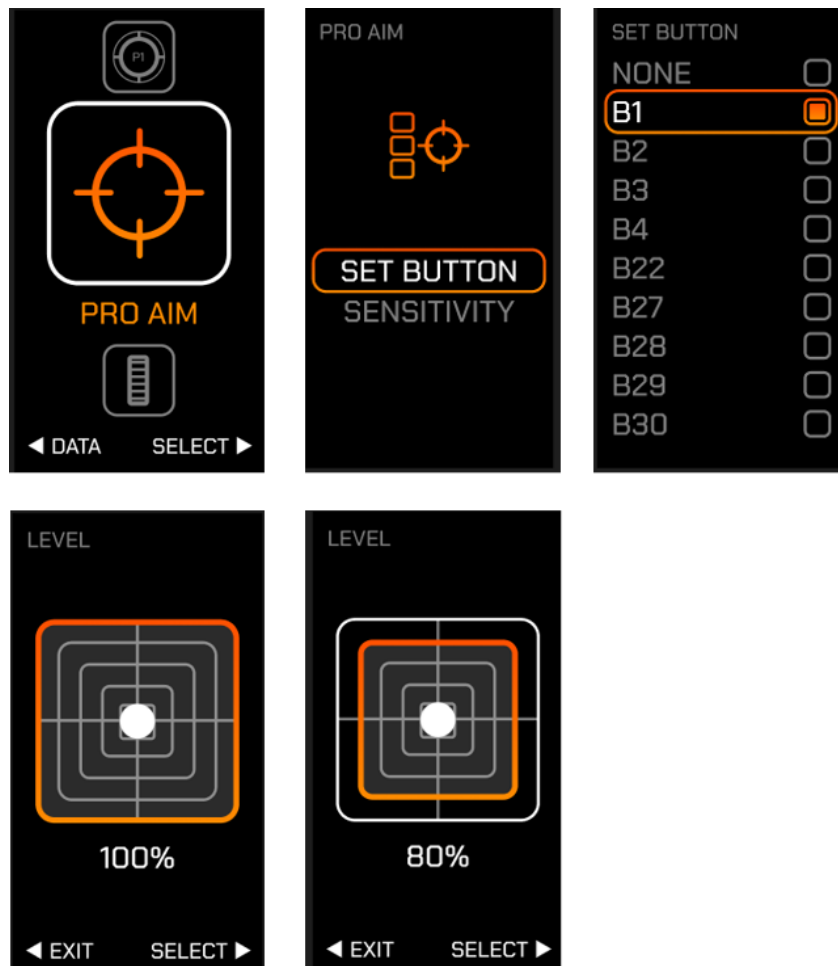
P1 Response:

Adjusts the POV1 response for finer control by mapping physical POV movement to a smaller digital output range, enabling more precise inputs.



Pro Aim:

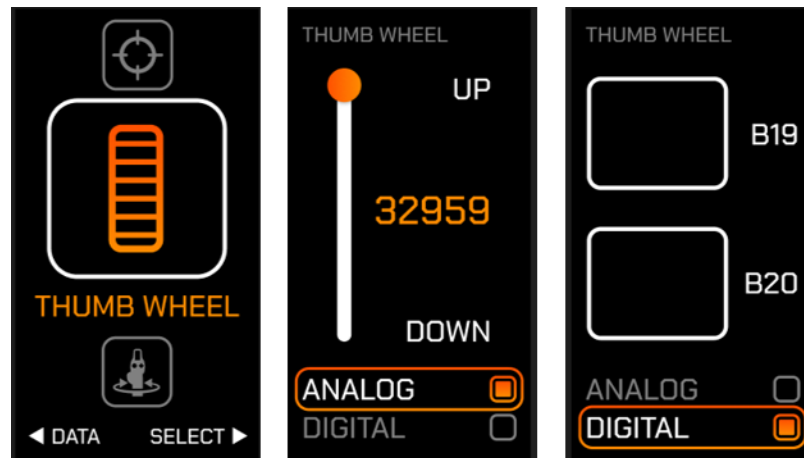
The Pro Aim feature allows you to temporarily adjust the sensitivity of the main stick axes. This is useful for making critical in-flight adjustments or honing your aim on an enemy fighter. Hold the assigned control during stick movement to activate. Any additional functions mapped to that control will remain active.



Thumb Wheel:

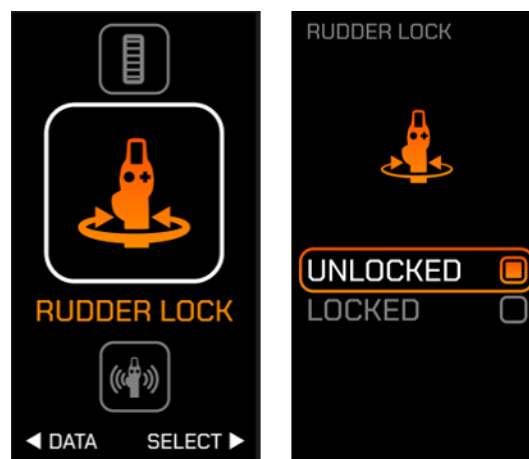
The thumb wheel can operate as either an analogue axis or a digital input. Select your preferred mode and test the response.

- **Analogue Axis**
Provides precise, proportional control, ideal for aircraft that use wheel-based trim controls.
- **Digital Buttons**
Outputs button pulses when the wheel is rotated up or down. Ideal for aircraft that use button-based trim controls.



Rudder Lock:

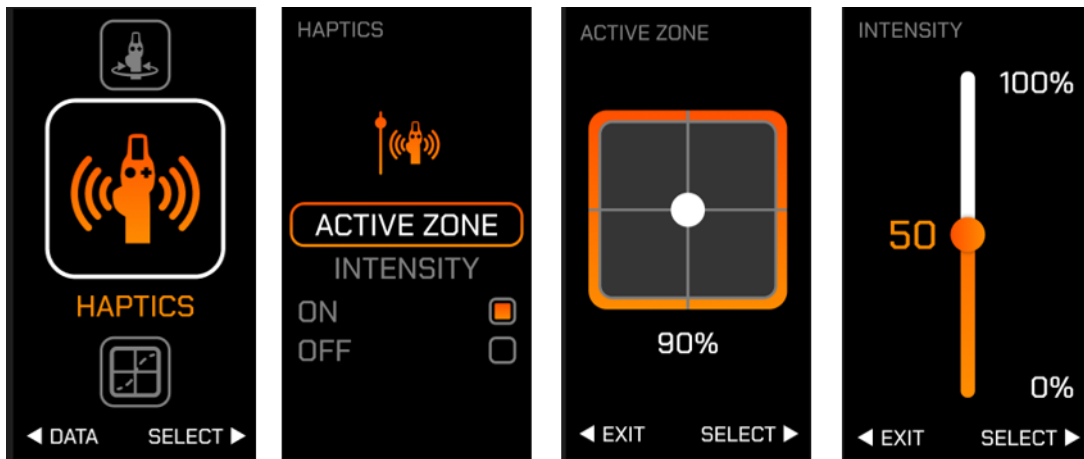
The stick can be twisted as an additional axis, typically used for rudder control. In addition to a physical lock that restricts twist movement, the output can be turned off digitally. This can be useful when using dedicated rudder pedals.



Haptics:

An integrated haptic motor in the stick grip provides vibration feedback. Configure the active zone to receive tactile warnings when approaching the limits of stick travel.

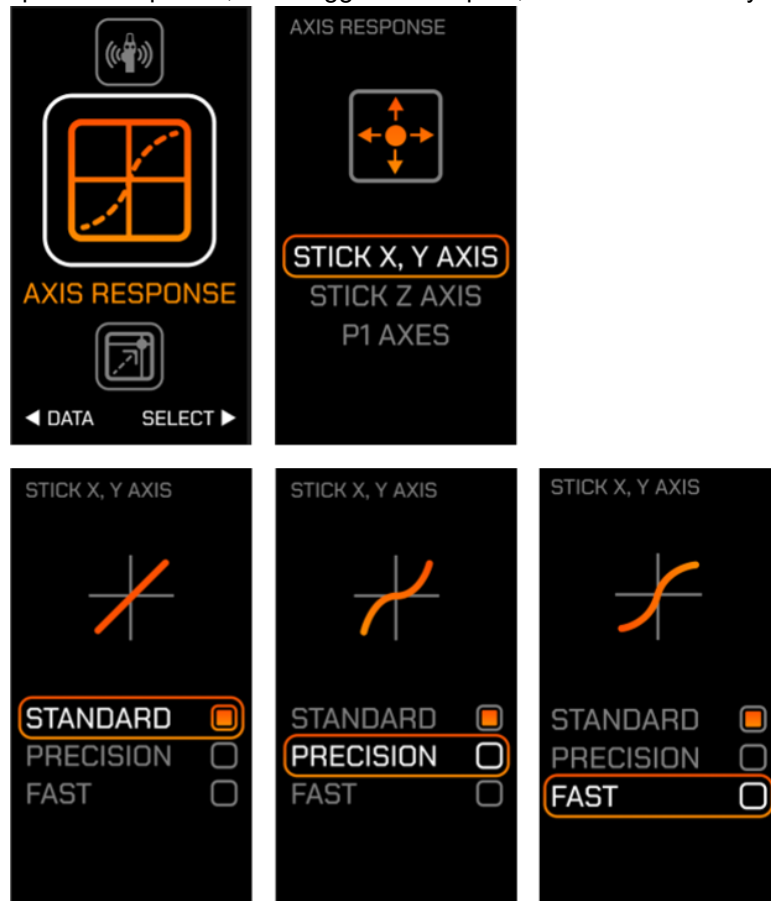
On PC, haptic feedback can be linked to supported game titles.



Axis Response:

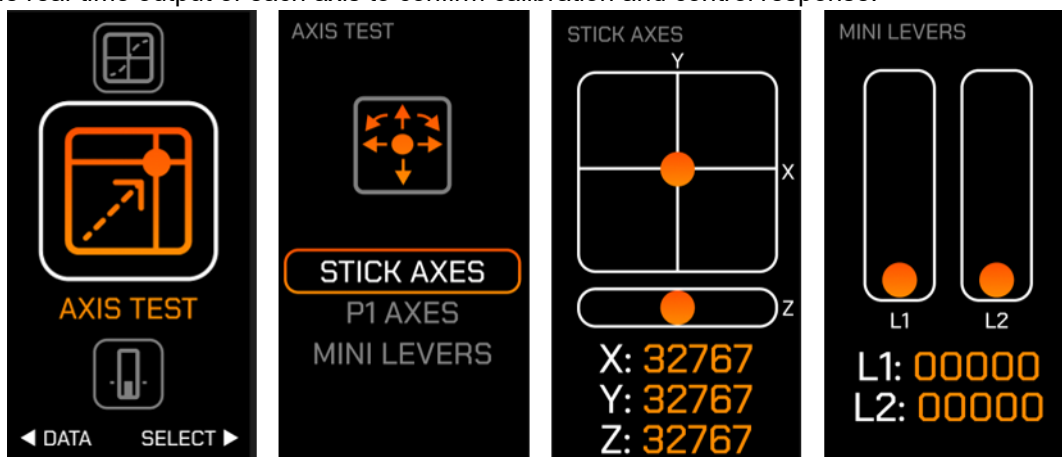
Tailor axis response to your preferred control style.

- STANDARD - Linear 1:1 control response.
- PRECISION - provides finer control around centre, making delicate adjustments easier during landing and formation flying.
- FAST - increases response for quicker, more aggressive inputs, ideal for arcade-style gameplay



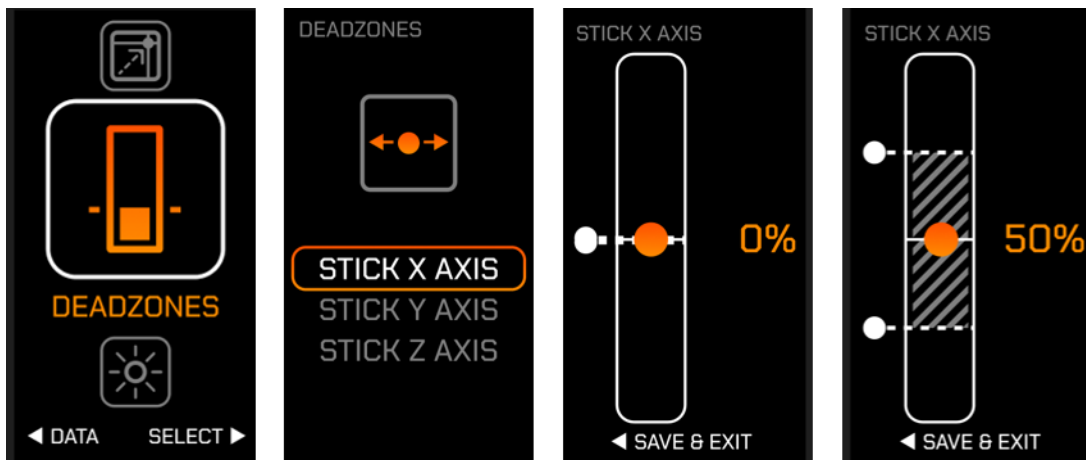
Axis Test:

View the real-time output of each axis to confirm calibration and control response.



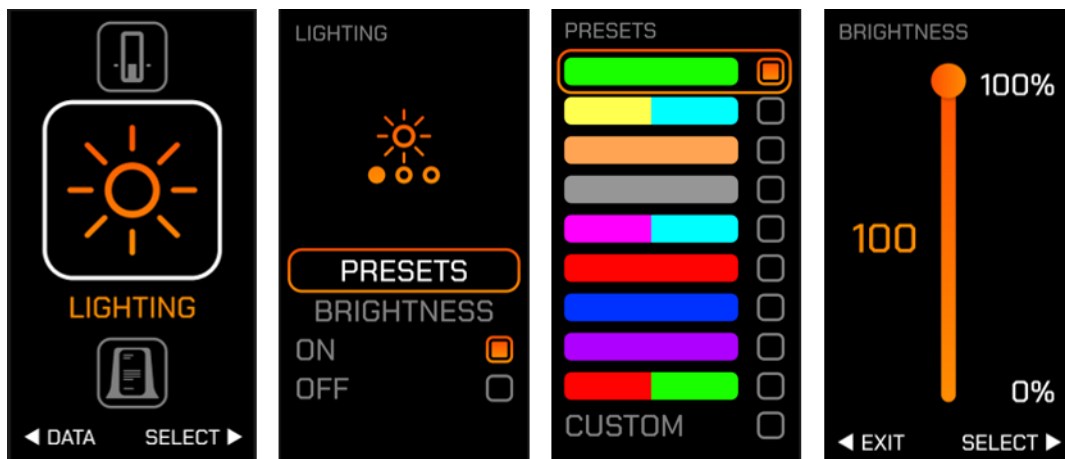
Deadzones:

Configure deadzones on key axes for greater control precision and reduced unwanted movement.



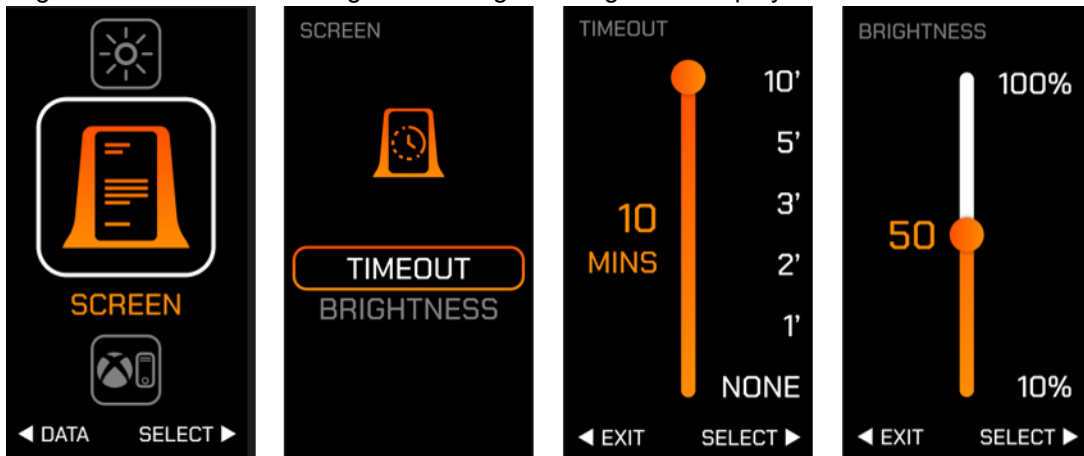
Lighting:

Tailor the look of your device with customizable lighting. Choose from a selection of presets or create custom profiles in the Hangar app to match your style.



Screen:

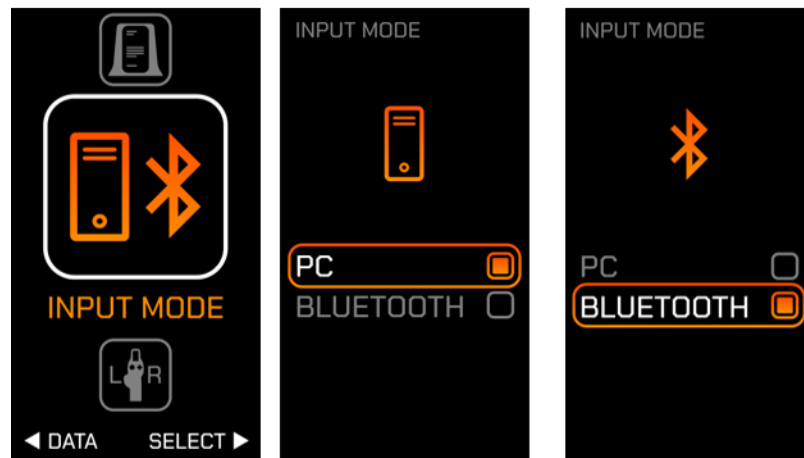
Adjust brightness and timeout settings for the Flight Management display.



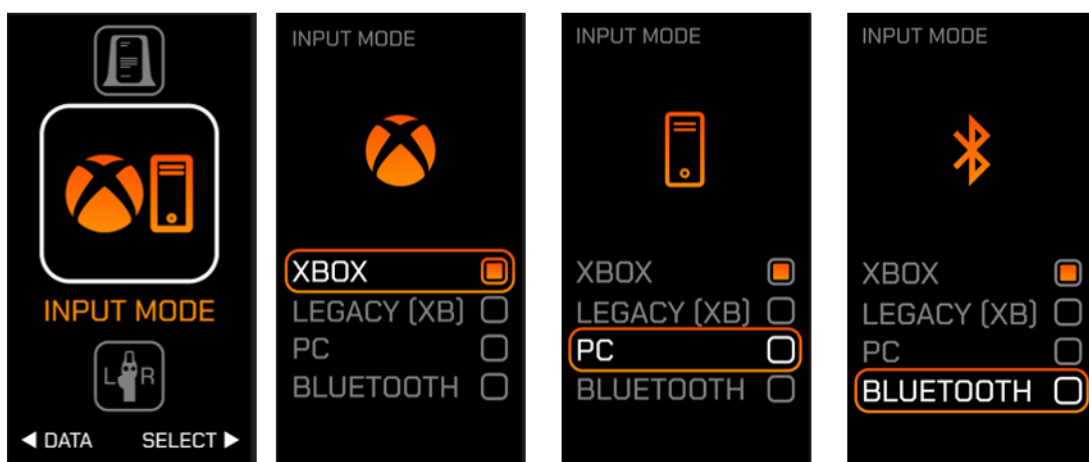
Input Mode:

Set the input mode of your device. Available modes vary by model.

- PC Flightstick II:
 - PC – select this mode for use on Windows PCs
 - BLUETOOTH – Connect via Bluetooth for use with compatible Android devices and Smart TVs. A wired USB connection is still required for power.



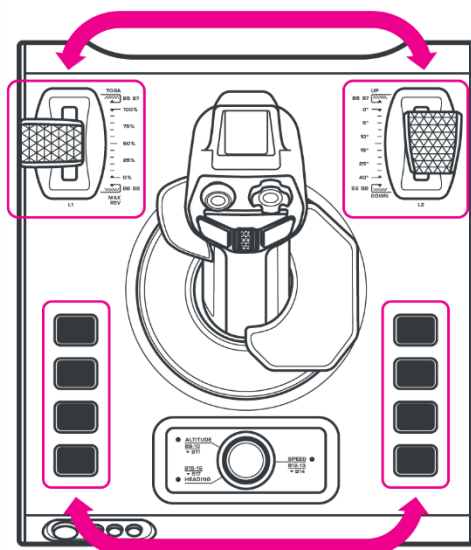
- XBOX compatible Flightstick II:
 - XBOX – standard mode for XBOX use
 - LEGACY (XB) – Compatibility mode for selected older XBOX titles. Some features and functionality may be limited.
 - PC – select this mode for use on Windows PCs
 - BLUETOOTH – Connect via Bluetooth for use with compatible Android devices and Smart TVs. A wired USB connection is still required for power.



Orientation:

In addition to the physically adjustable palm and thumb rests, the Flightstick II can be put into right or left-handed modes digitally.

By default, the device is in right-handed operation. Switching orientation remaps the base controls, relocating B1-B4 and the primary throttle axis to the opposite side for easy access in left-handed operation.



Firmware:

Check the firmware version currently installed on your device.

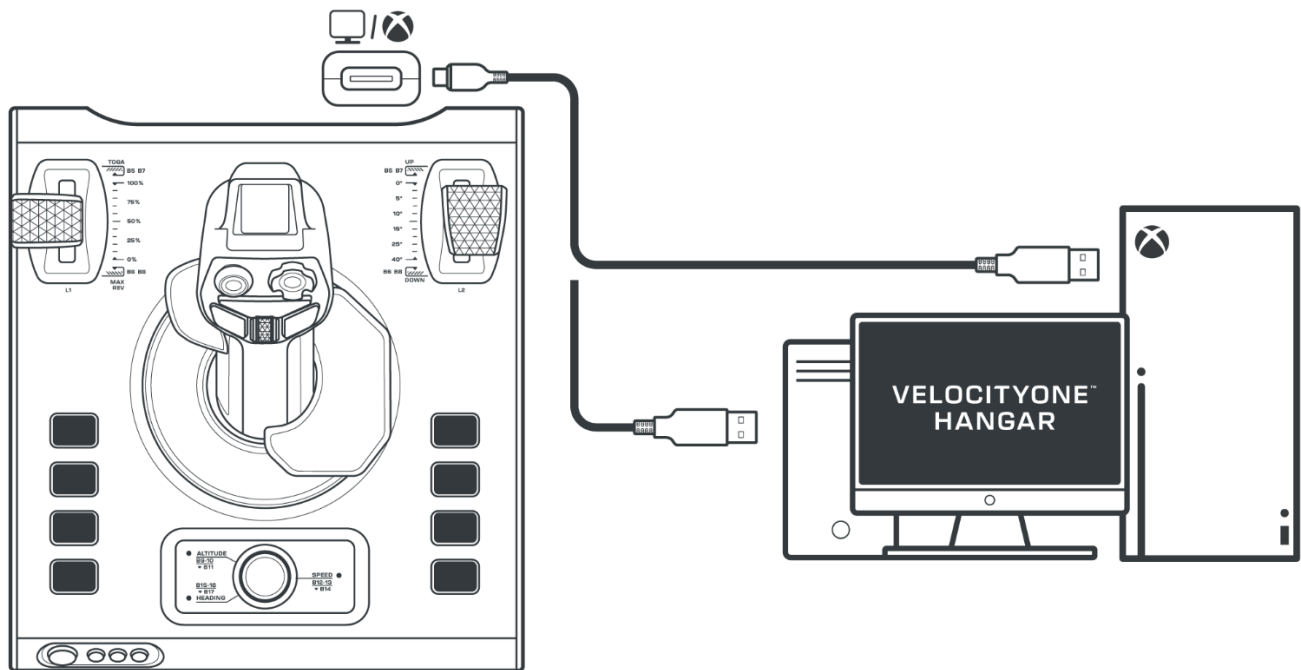


12. VELOCITYONE HANGAR APP

Download the VelocityOne Hangar App for product customization and firmware updates.



Search VELOCITYONE HANGAR on Microsoft Store on XBOX and PC.



13. SYSTEM REQUIREMENTS

- Windows® 10/11 (Software Support)
- USB 2.0 (or higher)
- Android™ 16+ devices compatible with Bluetooth® 5.3

14. PLATFORM COMPATIBILITY

- Windows® 10/11
- XBOX® Series X/S (XBOX Compatible Flightstick II only)
- Android™ Smart Devices